

PTO/8B/17 (05-03)

Approved for use through 04/30/2003 OMB 0851-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL

for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 580.00)

Complete If Known

Application Number	09/481,803
Filing Date	08/31/1998
First Named Inventor	Avto Tavkhelidze
Examiner Name	Tamai IE Karl
Art Unit	2834
Attorney Docket No.	

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account:

Deposit Account Number	
Deposit Account Name	

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee	Fee Code (\$)	Fee Description	Fee Paid
1001	750	2001	376	Utility filing fee
1002	330	2002	185	Design filing fee
1003	520	2003	280	Plant filing fee
1004	760	2004	375	Reissue filing fee
1005	160	2005	80	Provisional filing fee

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims below	Fee Paid
			-20% =	
			- 3 - =	

Large Entity Small Entity

Fee Code (\$)	Fee	Fee Code (\$)	Fee Description
1202	18	2202	9 Claims in excess of 20
1201	84	2201	42 Independent claims in excess of 3
1203	280	2203	140 Multiple dependent claim, if not paid
1204	84	2204	42 ** Reissue independent claims over original patent
1205	18	2205	9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

* or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee	Fee Code (\$)	Fee Description	Fee Paid
1051	130	2051	65 Surcharge - late filing fee or oath	
1052	50	2052	25 Surcharge - late provisional filing fee or cover sheet	
1063	130	1053	130 Non-English specification	
1812	2,520	1812	2,520 For filing a request for ex parte reexamination	
1804	820*	1804	820* Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840* Requesting publication of SIR after Examiner action	
1251	110	2251	66 Extension for reply within first month	
1262	410	2252	205 Extension for reply within second month	205
1263	930	2253	465 Extension for reply within third month	
1254	1,450	2254	725 Extension for reply within fourth month	
1255	1,970	2255	985 Extension for reply within fifth month	
1401	320	2401	180 Notice of Appeal	
1402	320	2402	180 Filing a brief in support of an appeal	
1403	280	2403	140 Request for oral hearing	
1451	1,610	1451	1,510 Petition to institute a public use proceeding	
1452	110	2452	66 Petition to revive - unavoidable	
1453	1,300	2453	660 Petition to revive - unintentional	
1501	1,300	2501	650 Utility issue fee (or release)	
1502	470	2502	235 Design issue fee	
1503	630	2603	315 Plant issue fee	
1480	130	1480	130 Petitions to the Commissioner	
1807	60	1807	50 Processing fee under 37 CFR 1.17(q)	
1808	180	1808	180 Submission of Information Disclosure Stmt	
8021	40	8021	40 Recording each patent assignment per property (times number of properties)	
1809	750	2808	375 Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375 For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	376 Request for Continued Examination (RCE)	
1802	900	1802	900 Request for expedited examination of a design application	375

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 580.00)

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Avto Tavkhelidze	Registration No. /Attorney/Agent	Telephone +1.503.621.3286
Signature	<i>Avto Tavkhelidze</i>	Date	05/09/2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO-2038 (02-2003)

Approved for use through 02/28/2006. OMB 0651-0043

United States Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
OMB control number.**United States Patent & Trademark Office****Credit Card Payment Form****Please Read Instructions before Completing this Form****Credit Card Information**

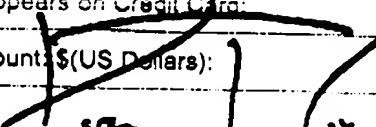
Credit Card Type: Visa MasterCard American Express Discover

Credit Card Account #: 4388 5752 5049 4171

Credit Card Expiration Date: 08/05

Name as it Appears on Credit Card: DR RODNEY T COX

Payment Amount: \$(US Dollars): **** * 580.00 **** *

Signature:  **Date:** 05/12/2003

Refund Policy: The Office may not refund a fee paid by mistake or in excess of that required. A change of purpose after the payment of a fee will not entitle a party to a refund of such fee. The Office will not refund amounts of twenty-five dollars or less, unless a refund is specifically requested, and will not notify the payor of such amounts (37 CFR 1.26). Refund of a fee paid by credit card will be via credit to the credit card account.

Service Charge: There is a 50.00 service charge for processing each payment refused (including a check returned "unpaid") or charged back by a financial institution (37 CFR 1.21(m)).

Credit Card Billing Address

Street Address 1: 23545 NW Skyline Blvd

Street Address 2: _____

City: North Plains

State: OR **Zip/Postal Code:** 97133-9204

Country: US

Daytime Phone #: +1.503.621.3286 **Fax #:** +1.503.621.3425

Request and Payment Information**Description of Request and Payment Information:**

Fee Code 2252 Extension of Time 2nd Month, and Fee Code 2801 RCE

Patent Fee	Patent Maintenance Fee	Trademark Fee	Other Fee
Application No. 09/481,803	Application No.	Serial No.	IDON Customer No.
Patent No.	Patent No.	Registration No.	
Attorney Docket No.		Identify or Describe Mark	

If the cardholder includes a credit card number on any form or document other than the Credit Card Payment Form, the United States Patent & Trademark Office will not be liable in the event that the credit card number becomes public knowledge.

PTO/SB/22 (06-03)

Approved for use through 4/30/2003. OMB 0651-0031
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)		Docket Number (Optional)
In re Application of Avto Tavkhelidze et al Application Number 09/481,803 Filed 08/31/1998 For Thermionic Vacuum Diode Device with Adjustable Electrodes Art Unit 2834 Examiner Tamai IE Karl		

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and appropriate non-small-entity fee are as follows (check time period desired):

<input type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$ _____
<input checked="" type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$ 410.00
<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$ _____
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$ _____
<input type="checkbox"/> Five months (37 CFR 1.17(a)(6))	\$ _____
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee amount shown above is reduced by one-half, and the resulting fee is: \$ 205.00	
<input type="checkbox"/> A check in the amount of the fee is enclosed.	
<input checked="" type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.	
<input type="checkbox"/> The Director has already been authorized to charge fees in this application to a Deposit Account.	
<input type="checkbox"/> The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number _____.	

I have enclosed a duplicate copy of this sheet.

I am the applicant/inventor.

<input type="checkbox"/> assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed (Form PTO/SB/98).
<input type="checkbox"/> attorney or agent of record.
<input type="checkbox"/> attorney or agent under 37 CFR 1.34(a). Registration number if acting under 37 CFR 1.34(e) _____.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

09 May 2003

Date

+1.503.621.3286

Telephone Number

Signature

Avto Tavkhelidze

Typed or printed name

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

Total of 2 forms are submitted.

This collection of information is required by 37 CFR 1.136(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9198 and select option 2.

PTO/SB/22 (06-03)

Approved for use through 4/30/2003. OMB 0651-0031
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)

Docket Number (Optional)

In re Application of Avto Tavkhelidze et al	
Application Number 09/491,803	Filed 08/31/1998
For Thermionic Vacuum Diode Device with Adjustable Electrodes	
Art Unit 2834	Examiner Tamai IE Karl

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and appropriate non-small-entity fee are as follows (check time period desired):

<input type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$ _____
<input checked="" type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$ 410.00
<input type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$ _____
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$ _____
<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$ _____

Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee amount shown above is reduced by one-half, and the resulting fee is: \$ 205.00

- A check in the amount of the fee is enclosed.
- Payment by credit card. Form PTO-2038 is attached.
- The Director has already been authorized to change fees in this application to a Deposit Account.
- The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number _____.

I have enclosed a duplicate copy of this sheet.

I am the applicant/inventor.

- assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed (Form PTO/SB/96).
- attorney or agent of record.
- attorney or agent under 37 CFR 1.34(a). Registration number if acting under 37 CFR 1.34(a): _____

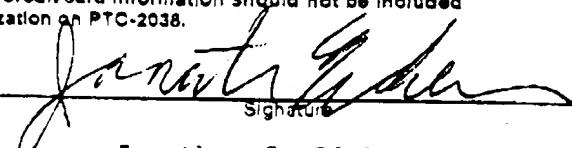
WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

09 May 2003

Date

+1.503.621.3286

Telephone Number



Signature

Jonathan S. Edelson

Typed or printed name

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

Total of 2 forms are submitted.

This collection of information is required by 37 CFR 1.136(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 8 minutes to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments and suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.